

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/000871

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 H04R3/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 H04R H04H H03G H04L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/130834 A1 (MADARASZ RICHARD L ET AL) 19 September 2002 (2002-09-19) paragraph '0037! - paragraph '0044! paragraph '0049! - paragraph '0050! paragraph '0057!; figure 1	1-12
X	WO 91/03891 A (MOTOROLA INC) 21 March 1991 (1991-03-21) claim 4; figures 1,3	1,7,11,12
A	DE 200 11 778 U (LUCENTE RAINER) 13 June 2001 (2001-06-13) page 1, line 25 - page 2, line 10	3
A	US 5 778 077 A (DAVIDSON DENNIS M) 7 July 1998 (1998-07-07) abstract	4
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *O* document referring to an oral disclosure, use, exhibition or other means
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- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
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Date of the actual completion of the international search

30 July 2004

Date of mailing of the international search report

09/08/2004

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2003/038849 A1 (CRAVEN JEFFREY ALAN ET AL) 27 February 2003 (2003-02-27) -----	

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
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DE 20011778	U	13-06-2001	DE	20011778 U1	13-06-2001
US 5778077	A	07-07-1998	NONE		
US 2003038849	A1	27-02-2003	NONE		